

AMENDMENTS

In the Specification

[0037] Thereafter, the first condensed stream 324 having the parameters at the point 46 is optionally mixed with a liquid stream ~~328~~ 326 having parameters as at a point 49 at a second mixer 330 to form a liquid stream ~~326~~ 328, where the liquid stream 328 is withdrawn from the scrubber SC1 at a liquid port 332. The liquid stream 326 is then mixed with a second vapor stream 334 having parameters as at a point 47 from a vapor port 336 of the scrubber SC1 to form a second mixed stream 338 having parameters as at a point 50 at a second mixer 340. The second vapor stream 334 having the parameters as at the point 47 is in equilibrium or is in substantial equilibrium with the liquid sub-stream ~~326~~ 328 having the parameters as at the point 48.